

ABSTRACT OF THE DISCLOSURE

The invention provides an optical interconnection circuit between chips, an electrooptical device including the circuit, and electronic equipment including the circuit. In particular, the invention provides such a circuit, device, and equipment in which a signal transmission speed can be increased, and which can be easily microminiaturized and manufactured. An optical interconnection circuit between chips includes a substrate, a micro tile element having a light emitting function which is provided on the substrate, the micro tile element having a light receiving function which is provided on the substrate, an optical waveguide optically connecting the micro tile element having a light emitting function and the micro tile element having a light receiving function with each other and including an optical wave-guide member formed on the substrate, and an electrode provided on the substrate and electrically connected to the micro tile element having a light emitting function or the micro tile element having a light receiving function.